

## MARKNOX® 1076

### Phenolic Antioxidant

## Technical Information

Effective: 26-June-2014

**MARKNOX® 1076** is a high molecular weight hindered antioxidant that provides very low volatility and excellent resistance to extraction from polymer compounds.

### Typical Properties of MARKNOX® 1076

Chemical Structure	Octadecyl-3-(3',5'-di-tert-butyl-4'-hydroxyphenyl) propionate
CAS Number	2082-79-3
EINECS Number	218-216-0
Appearance	White to Off-White Powder
Volatiles, %	0.2 max
Clarity of solution	Clear
Color of Solution at Trans. 425 nm (%)	97 min
Color of Solution at Trans. 500 nm (%)	98 min
Assay, %	99 min
Melting Point, °C	50.0 – 55.0
Sulphated ash, %	0.1 max

These values are typical only and do not constitute a product specification

### Application

Produced using a tin-free process, **MARKNOX® 1076** effectively reduces oxidative degradation of most polymeric substances during processing and end-use applications. **MARKNOX® 1076** is an excellent stabilizer for polyolefins, impact modified styrenics, block co-polymers, elastomers, adhesives, PVC and polyurethanes.

### Food Contact

**MARKNOX® 1076** has broad food contact approvals; for details please contact Galata Chemicals Regulatory Affairs.

### Storage and Handling

The use of proper protective equipment is recommended. Excessive exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible matters. Unless stated, proper storage will permit usage of the product for 5 years from the date of production.

***Please refer to the Material Safety Data Sheet for additional information on handling and storage***

The information contained herein relates to a specific Galata product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. Nothing in this Technical Data Sheet shall be construed to modify any of Galata standard terms and conditions of sale under which the product is sold by Galata. **NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCT'S CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.